

Date: Tue, 1 Jun 93 07:58:45 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #665
To: Info-Hams

Info-Hams Digest Tue, 1 Jun 93 Volume 93 : Issue 665

Today's Topics:

 Alinco DJ180T question
 Amateur Radio Elmers List Info and Administrivia
 Changes to Amateur Radio Elmers Resource Directory
 Computer interface format for Kenwood
 Ham exemption threatened..Re: More info on Minnesota scanner law
 Help. Magnetic loop antennas
 Intermod/spurious sigs a common HT problem?
 J.C. Whitney 2M HT (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 1 Jun 1993 11:50:27 GMT
From: ddsw1!news.kei.com!enterpoop.mit.edu!senator-bedfellow.mit.edu!
scotti@uunet.uu.net
Subject: Alinco DJ180T question
To: info-hams@ucsd.edu

Hi, All --

I am a brand new ham, so new my call hasn't yet arrived. Sigh.

However, I'm looking into getting an Alinco DJ180T. Has anyone had
experience with this rig, especially regarding intermod (and I don't
mean from any expanding).

If this is in a FAQ someplace, I'm sorry to take up bandwidth.

73, Scotti

Date: Tue, 1 Jun 1993 11:00:08 GMT
From: usc!wupost!csrcnis1.unl.edu!news.unomaha.edu!news@network.UCSD.EDU
Subject: Amateur Radio Elmers List Info and Administrivia
To: info-hams@ucsd.edu

Posted-By: auto-faq 2.4
Archive-name: radio/ham-radio/elmers/admin
Revision: 1.4 04/25/93 23:02:45
Changes: pit-manager.mit.edu is now rtfm.mit.edu

This administrivia file and the companion Amateur Radio Elmers Resource Directory are intended for non-commercial distribution via Usenet. Any other uses, please E-mail for permission.

A Brief Historical Overview:
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If there is any one constant in the changing state of the communications art, it is that "Hams" (Amateur Radio Operators) have always been on the forefront of it. Rumors abound where the term "Ham" came from. Some of the more amusing are described at the end of this article.

Regardless of origin of the name, a "Ham" is universally recognizable as one who experiments in radio and communications.

Whether it be constructing a low-power CW radio with vacuum tubes, or designing TCP/IP packet networks, such experimentation has historically spilled over into the mainstream such as was the case with Edwin Armstrong, who developed the regenerative oscillator and FM radio, or General Curtis LeMay (W6EZV) who was instrumental in making Single-Sideband the communications standard for the Strategic Air Command (1947-1992, now reorganized into a joint command called StratComm) and eventually the U.S. Air Force. Although packet-switching techniques originated from DARPA (Defense Advanced Research Projects Agency) and the ARPANet, no one can deny the tremendous influence that amateurs have had in demonstrating the viability of TCP/IP and AX.25 communications via radio links. The efforts of AMSAT (the Amateur Satellite Corporation), including the development of many ham satellites and the low-orbiting Microsats (communications satellites no bigger than a breadbox that use store-and forward packet techniques), have certainly advanced the state-of-the-art in communications, one of the defined purposes of the Amateur Radio Service, as recognized by international treaty.

Since in many cases hams are writing "the book", there is often no "book" or other established reference for a beginner to refer to. Traditionally, information has been passed on from ham to ham via word-of-mouth. Like many of the traditional crafts, a variation of the Master-Apprentice system has emerged, the Elmer-Novice relationship. Called "Elmers" because they are usually older and wiser, having the benefit of many years in the hobby, including several failed projects, and an electric shock or two, they have traditionally been the mainstay of amateur radio, and the source of many new hams, particularly those interested in working on emerging technologies.

Even more importantly, Elmers provided an outlet for the impatient newcomer who wanted "to know everything, and right away." Faced with such a request, a good Elmer will smile and proceed to lead the novice through some project or operating experience. Several hours, days, or weeks later, the novice would have his answers, but would have earned them. Even better, the sense of accomplishment would boost the novice's confidence and nudge him or her down the road to being a model, experienced ham operator.

Many present hams feel that such an experience is missing today. In today's hustle-bustle world, the response to such natural curiosity and desire to learn is, more often than not, "I'm too busy" or "RTFM." As a result, the quality of new hams declines and the knowledge and operating habits they develop in their first formative months and years leave much to be desired. And the very same hams who claim that they "can't understand the new generation" also, in almost the same breath, lament about the "decline of amateur radio."

What is an Elmer today?

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An Elmer today is of any age, male or female, who has some expertise and is willing to share it with beginners. Elmers don't even need to be licensed amateurs, just people with knowledge in some area of electronics or communications technology.

What is a Usenet Elmer?

+++++

With the ever-widening scope of the Internet, and the amateur radio newsgroups on Usenet, the potential for Elmers to share their knowledge to a wide audience has never been greater. To that end, I have started to maintain a list of such Elmers. Volunteers need only send me their name, E-mail address, and area of expertise. I have set up an administrivia mailbox for this purpose (elmers-request@unomaha.edu, the default Reply-To: of this message).

Those desiring a more extensive list, or who need more specific assistance, are encouraged to contact Rosalie White, WA1ST0, Educational Services Manager at the American Radio Relay League, 225 Main St., Newington, CT 06111 or via electronic mail addressed to rwhite@arrl.org.

How may I obtain the latest copy of the Elmers List?

There are currently 4 ways of obtaining the Elmers List. Any site at least reachable by Internet E-mail can use options 3 or 4:

1. Usenet News: The latest copy of the list can be found in the companion posting to this message, "Amateur Radio Elmers Resource Directory." Since the list is cross-posted to rec.radio.amateur.misc, rec.radio.info, rec.answers, and news.answers on the 1st of each month, with an expiration date 6 weeks into the future, there should always be a copy available at most news sites. Check your newsreader documentation for information about reading previously-read articles.

2. Anonymous FTP: If your site is directly connected to the Internet, you may retrieve the latest copy via File Transfer Protocol (FTP) from the following sites:

[ftp.cs.buffalo.edu /pub/ham-radio/elmers*](ftp://ftp.cs.buffalo.edu/pub/ham-radio/elmers)
[rtfm.mit.edu /pub/usenet/news.answers/radio/ham-radio/elmers/*](ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/elmers/)

3. Mailing-List: Since the list is cross-posted to rec.radio.info, the latest copy may be obtained from the mailing-list gateway for that newsgroup (along with many other informational articles about radio) when it is published each month. To subscribe, send E-mail to:

listserv@ucsd.edu

and in the BODY (not the Subject) of the message, write:

subscribe radio-info

The server may not be able to determine your return address. In that case write:

subscribe radio-info (your E-mail address)

You should get an acknowledgement very shortly.

4. Mail-Server: If you don't want to read through the entire gateway of rec.radio.info, or want a copy of the list right away, send E-mail

to:

mail-server@rtfm.mit.edu

and in the BODY (not the Subject) of the message, write:

send usenet/news.answers/radio/ham-radio/elmers/admin
send usenet/news.answers/radio/ham-radio/elmers/list
send usenet/news.answers/radio/ham-radio/elmers/diff

and the latest copy of the list should be sent to you E-mail within 24 hours (the mail-server uses batch priority to reduce system demand).

How may I contribute to the Elmers List?

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By using this resource, you are benefitting the net by obtaining assistance in the fastest and most efficient way possible. By volunteering to appear on this list, you are contributing to the good reputation of the radio-related newsgroups.

Thanks to all the volunteer Elmers, as well as courteous list users, for making this service a success.

--

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu (personal mail)
elmers-request@unomaha.edu (Elmers List administrivia)

* Possible origins of the word HAM:

The acronym "Home Amateur Mechanic" or...

from the Cockney pronunciation of "L'amateur" or...

the initials of the founder of the American Radio Relay League, Hiram Maxim, W1AW (his actual middle name being Percy apparently notwithstanding) or...

from the call letters of one of the first amateur stations at Harvard, H.A.M. (please, no flames from W1XM at MIT)

Dale Mosby, N7PEX, offers the explanation that HAM must stand for "Hardly Any Money," considering the investment one could make in the hobby.

Knowledgeable individuals from the American Radio Relay League (ARRL), and other radio historians, seem to agree that the terms "Ham" and "Lid"

(an inept operator) both originated with landline telegraphy. A "Ham" was a show-off and a "Lid" was a telegraph operator so inexperienced, he had to use a pot or can lid to rest his telegraph sounder on to properly copy the code.

As an interesting historical footnote, early telegraph operators may have been the first to experience the infamous curse of our communications age, Repetitive Stress (or "Carpal Tunnel") Syndrome (called "Glass Arm" in those days, which encouraged the invention of the semi-automatic or "bug" key).

(Larry E. McDonald, N6ZMB, wrote to point out another plausible origin, which doesn't necessarily contradict the ARRL version. The term "ham" may have been derived from "ham-fisted" or "ham-handed" to describe poor telegraph operators who were hired from the ranks of radio operators. Or maybe "ham-fisted" and "ham-handed" are derived from "ham." Who knows?)

Date: Tue, 1 Jun 1993 11:00:29 GMT
From: usc!wupost!crnisl.unl.edu!news.unomaha.edu!news@network.UCSD.EDU
Subject: Changes to Amateur Radio Elmers Resource Directory
To: info-hams@ucsd.edu

Posted-By: auto-faq 2.4
Archive-name: radio/ham-radio/elmers/diff

(Note: This diff file is taken from the list body only.)

/usr/bin/diff -c (last month's) (this month's)

*** /u3/pschleck/faq/elmers/list.body.old Sat May 1 06:01:14 1993
--- /u3/pschleck/faq/elmers/list.body.new Tue Jun 1 06:00:02 1993

*** 1,4 ****

! Amateur Radio Elmers Resource Directory (as of 05/01/93)

+++++

Jeff Angus WA6FWI

--- 1,4 ----

! Amateur Radio Elmers Resource Directory (as of 06/01/93)

+++++

Jeff Angus WA6FWI

*** 350,355 ****

--- 350,375 ----

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+++++
+ Jim Graham
+
+ #include <std_disclaimer.h> 73 DE N5IAL (/4)
+ -----
+ INTERNET: jim@n5ial.mythical.com | j.graham@ieee.org ICBM: 30.23N 86.32W
+ AMATEUR RADIO: n5ial@w4zbb (Ft. Walton Beach, FL) AMTOR SELCAL: NIAL
+ -----
+ E-mail me for information about KAMterm (host mode for Kantronics TNCs).
+
+ KAMterm is a host mode terminal program for Kantronics TNCs that I wrote
+ and released as shareware.
+
+ My professional field is telecom (data communications is my key area of
+ expertise).
+
+ I also have experience with wire HF antennas for apartments and other
+ small spaces.
+
+ +++++
+
+ KJ6NN
+ Philip Graham
+ 723 Berkshire Place
+ *****
+ *** 380,385 ****
+ --- 400,417 ----
+
+ +++++
+
+ Steve Harding KA6ETB
+
+ steveh@grafex.Cupertino.CA.US 408.252.0578 alternate: harding@nas.nasa.gov
+ For amateur radio related information, send a message to:
+ ham-server@grafex.Cupertino.CA.US
+ Place HELP and GET INDEX on separate lines in the text.
+
+ HAM-server has over 10-megs of amateur radio related information on-line,
+ with more being continually added.
+
+ +++++
+
+ Ed Hare, KA1CV | ehare@arrl.org
+ American Radio Relay League |
+ 225 Main St. |
+ *****

```

*** 535,566 ***

+++++

! [Fred Lloyd, AA7BQ Fred.Lloyd@West.Sun.COM]
! [Sun Microsystems, Southwest Area Solaris Transition Manager]
! [Phoenix, AZ (602) 275-4242]

! Co-Coordinator, "Callsign Project" (see also Carruth)

! Watch for a CD-ROM version of the Callsign Project, bundled with
! additional software and information files, coming soon!

+++++

! Jim Lockwood - KM6NK

! Jim.Lockwood@eng.sun.com

! I maintain an email mailing list comprised of hams who have an interest
! in glow-in-the-dark, fire-bottle rigs with names like Heath, National,
! Hallicrafters, Hammarlund, and such. Any and all topics related to
! tube-type gear are welcome, including technical discussions, swaps,
! restoration tips, etc.

- Anyone who would like to be added to the distribution should send
- mail to me at:

-

- lockwood@acidqueen.eng.sun.com

-

+++++

Joel Magid WU1F

--- 567,589 ----

+++++

! Bob Levine KD1GG, VK2GYN, 7J1AIS

! bob_levine@jericho.mc.com

! Amateur radio licensing in Australia and Japan

+++++

! [Fred Lloyd, AA7BQ Fred.Lloyd@West.Sun.COM]
! [Sun Microsystems, Southwest Area Solaris Transition Manager]
! [Phoenix, AZ (602) 275-4242]

! Co-Coordinator, "Callsign Project" (see also Carruth)

! The QRZ Ham Radio CDRom is here! For ordering information, call
! Walnut Creek at +1 800 786-9907 (overseas +1 510 674-0783).

+++++

Joel Magid WU1F

*** 674,679 ***

--- 697,719 ----

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+ There is an active mailing list for fans of hollow state
+ (i.e. tube) radio equipment. Send a subscription request to:
+
+ boatanchors-request@gnu.ai.mit.edu
+
+ and you will be added to the group!
+
+ An additional note: You can save the list owner (me!) a lot of trouble
+ by including your email address in the text of your subscription requests.
+ boatanchors is a mail alias, not an automated listserv. Thanks!

+
+ Paul Prescott
+ N1AAC
+ regnad@gnu.ai.mit.edu
+

+ ++++++

+
Terrence R. (Terry) Redding WB5LMJ

DOMAIN: terry%red@lawton.lonestar.org

*** 831,838 ***

College Clubs

! Ham-Univ mailing list for college clubs has found a new home at the
! University of Maine. E-mail for subscription information.

Maintainer of this list

--- 871,879 ----

College Clubs

! Ham-Univ mailing list for college clubs has found yet another new
! home at the New Jersey Institute of Technology. E-mail for
! subscription information.

Maintainer of this list

*** 901,906 ***
--- 942,957 ----

+++++

+ Dave Stine WA2JTA/6
+
+ My areas of expertise are:
+
+ - vacuum tube amps, receivers, exciters
+ - CW operating tips
+ - wire antenna tips, hints & kinks
+
+ +++++
+

David Stockton, GM4ZNX

dstock@hpbmola.sqf.hp.com

*** 1006,1011 ***
--- 1057,1072 ----

+++++

+ Jim Van Peurseem KE0PH
+
+ jvp@tools1.ee.iastate.edu
+
+ Author of Virtuoso and Savant Packet/RTTY/AMTOR/CW terminal
+ programs for the Apple Macintosh. For more information, consult
+ Terry Stader's List of Macintosh Amateur Radio Software.
+
+ +++++
+
+ --Bruce Walker WT1M (bruce@think.com)
+ Chuck Adams K5FO (adams@chuck.dallas.sgi.com)

*** 1063,1068 ***
--- 1124,1140 ----

Equipment Testing (instrumentation)
Repeaters
VHF/UHF (including mountaintopping/portable operation)

+
+ ++++++
+
+ John F. Woods WB7EEL
+
+ jfw@ksr.com
+
+ Maintainer of My List of Mail Order Electronics Companies
+
+ Available via anonymous FTP from ftp.cs.buffalo.edu under /pub/ham-radio
+ or rtfm.mit.edu under /pub/usenet/rec.radio.amateur.misc

+++++

--
73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu (personal mail)
elmers-request@unomaha.edu (Elmers List administrivia)

Date: 1 Jun 1993 09:43:12 -0400
From: swrinde!cs.utexas.edu!uwm.edu!spool.mu.edu!nigel.msen.com!ilium!gdls.com!
gdls.com!not-for-mail@network.UCSD.EDU
Subject: Computer interface format for Kenwood
To: info-hams@ucsd.edu

I purchased a Kenwood TS50s last Friday and noticed that it had a computer interface plug on the bottom. The manual has absolutely no information about it, except to mention it.

Has anyone connected a computer to this interface and programmed the computer to control the radio?, what is the protocol?, any printed references? etc..

Inquiring minds want to know!

I assume that the safest way to interface a computer to the radio is via the Kenwood interface. I'm off to buy it, perhaps it will contain some information.

Thanks for any replies.

73's

Bill

--

Bill Turini, KA4GAV
Computer Sciences Corporation
6000 E. 17 Mile Road
Sterling Heights, MI 48313

Chief, Technical Systems
turini@gdls.com
(313) 825-8810

Date: Tue, 1 Jun 93 14:22:52 GMT
From: usc!howland.reston.ans.net!ux1.cso.uiuc.edu!uchinews!att-out!walter!porthos!
dancer!whs70@network.UCSD.EDU
Subject: Ham exemption threatened..Re: More info on Minnesota scanner law
To: info-hams@ucsd.edu

This has been posted in rec.radio.amateur.policy, but I'm posting it to the
main newsgroup (rec.radio.amateur.misc) to help enlist the support and
awareness of all US hams, and especially those that live in Minnesota.

**PLEASE - Direct all responses only to the rec.radio.amateur.policy newsgroup.

In article <1993Jun1.124557.29447@rsg1.er.usgs.gov> tbodoh@resdgs1.er.usgs.gov
(Tom Bodoh) writes:

I posted on Friday about the proposed revision to the Minnesota
scanner law which would eliminate the exemption for Amateurs. Following
is the name, address and phone number of the author of the ammendment;

Mike Delmont
#307 State Office Building
St. Paul, MN 55155
(612) 296-4226

I would be interested if anybody contacts him - to see why he
dislikes hams - couldn't he pass the code test? Should somebody tell him
about the no-code tech license? What is his problem anyway? Perhaps he
thinks that scanner enthusiasts will get their ham ticket just to avoid
the law? BTW - his name and number are in the June issue of Monitoring
Times. Sorry I don't have his home number to give you ;-)

BTW - I do urge anyone that contacts him not to be irate, obnoxious or
obscene. He apparently already holds a negative view of hams - lets not
verify it for him. Since this affects Minnesota hams the most, I urge
any of them who receive this to try to meet with him and work something
out. There must be some compromise - as most mobile 2 M/70 CM rigs would
qualify as scanners.

+++++
+ Tom Bodoh - Sr. systems software engineer

+
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)
+

+++++

Date: Tue, 1 Jun 1993 11:41:05 GMT
From: pipex!crosfield.co.uk!rjc@uunet.uu.net
Subject: Help. Magnetic loop antennas
To: info-hams@ucsd.edu

Hi,

I want to setup my HF station at my new address, but I've only got a small garden (40 feet) and I don't want to upset my new neighbours, so I magnetic loop antenna seems a good idea for 80 and 40.

There seem to be several firms selling magnetic loops of various varieties, and I'm not sure what to go for or whether they work very well or not.

Has anyone any experience of these types of antennas that they could enlighten me with ?

Thanks in advance

Roger Clark G4KYF

Date: Tue, 1 Jun 1993 13:39:13 GMT
From: usc!math.ohio-state.edu!darwin.sura.net!rsg1.er.usgs.gov!
resdgs1.er.usgs.gov!tbodoh@network.UCSD.EDU
Subject: Intermod/spurious sigs a common HT problem?
To: info-hams@ucsd.edu

In article <PDBD5B3w165w@jackatak.raider.net>, jackhill@jackatak.raider.net (Jack GF Hill) writes:

|> rph@sq.sq.com (Pontus Hedman (ve3rph)) writes:
|> { among others }
|> > You can make most any wide-as-a-barn-door HT *very* intermod-proof simply by
|> > adding a 2m helical filter inline. The commercial ones cost a bit (\$80US or
|> > so), but it's sure cheaper than buying a whole new radio (although you do get
|> > a bit of insertion loss on rx).
|> This continuing thread is amazing: new people come on and ask for
|> advice about HTs and expanding receive coverage from DC to Daylight.

```

|> The older hands try to warn them, but they really don't want the
|> advice (then why ask? ;^) so they wind up with cobbled solutions that
|> just don't do the job they want.
|>
|> *IF* you want to listen to RF from DC-to-Daylight, why complain when
|> that is what you hear...ON ALL BANDS?!?!? To then attenuate the
|> signal by adding outboard filters (maybe you have small enough hands
|> to get in there and make it internal, but a germ would need an IFR
|> rating to fly through my mono-band brick! ;^)
|>
|> What not just plunk down a few bucks more than the price of the
|> helical filter (and think how much you can save by NOT buying the
|> DC-to-Daylight HT, but a mono or duo-bander instead! ;^) and get a
|> SCANNER for the wide coverage?
|>
|> Seems like having two devices, each designed for what it gets used for
|> beats hell out of all the bitching and moaning about intermod and
|> noise.
|>
|> If you do NOT want the advice, then don't waste bandwidth asking for
|> it!
|>
|> 73
|> Jack
|>
|> +-----+
|> | Jack GF Hill          |Voice: (615) 459-2636 - Bicycling and SCUBA Diving |
|> | P. O. Box 1685        |Modem: (615) 377-5980 - Compu$erve 76427,31 |
|> | Brentwood, TN 37024|jackhill@jackatak.raider.net - Ham Call: W4PPT |
|> +-----+

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It seems that the major manufacturers (Alinco, ICOM, Yaesu, Kenwood...) must believe that hams want scanner features - since they are putting them in and they are selling. The first manufacturer who squeezes in a few more features such as 100 channels in 10 banks of 10, triple conversion and a scan rate of at least 20 ch/sec will have a 'best seller' on their hands. The intermod should be greatly reduced by triple conversion. I suppose that these features will take a little more space but it would be well worth it for many.

I agree that the ideal solution currently is to have both - but I don't want to haul around two radios, especially on travel. Many cannot afford both right now. Bye...

```

+-----+
+ Tom Bodoh - Sr. systems software engineer
+
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198      (605) 594-6830      +

```

+ Internet; bodoh@dggs.cr.usgs.gov (152.61.192.66)

+

+ "Welcome back my friends to the show that never ends!" EL&P

+

+++++

Date: Tue, 01 Jun 93 11:37:25 GMT

From: usc!math.ohio-state.edu!zaphod.mps.ohio-state.edu!mstar!n8emr!

gws@network.UCSD.EDU

Subject: J.C. Whitney 2M HT

To: info-hams@ucsd.edu

In article <C7Myv9.6Av@fc.hp.com> rogerm@fc.hp.com (Roger Mitchell) writes:

>

>I just saw an ad in the latest J.C. Whitney catalog for a 2 meter HT with
>20 memories and access to over 4000 channels for \$379. Nowhere in the add
>did it mention that an FCC license was required for operation. At least

I dont remember seeing any mention in the ads in QST,73 or CQ that
a ham radio license is required. AEA and universal AR catalogs
dont mention this either. How about ads for ford,chevy, honda. They
dont mention the fact that you need a drivers license to make use of
their product.

--

Gary W. Sanders gws@n8emr.cmhnet.org, 72277,1325

N8EMR @ N8JYV (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]

HAM BBS 614-895-2553 (1200/2400/V.32/PEP) Voice: 614-895-2552 (eves/weekends)

Date: Tue, 1 Jun 1993 14:07:29 GMT

From: usc!math.ohio-state.edu!darwin.sura.net!rsg1.er.usgs.gov!

resdgs1.er.usgs.gov!tbodoh@network.UCSD.EDU

Subject: J.C. Whitney 2M HT

To: info-hams@ucsd.edu

In article <1993Jun01.113725.3989@n8emr.cmhnet.org>, gws@n8emr.cmhnet.org (Gary Sanders) writes:

|> In article <C7Myv9.6Av@fc.hp.com> rogerm@fc.hp.com (Roger Mitchell) writes:

|> >

|> >I just saw an ad in the latest J.C. Whitney catalog for a 2 meter HT with
|> >20 memories and access to over 4000 channels for \$379. Nowhere in the add
|> >did it mention that an FCC license was required for operation. At least

|>

|> I dont remember seeing any mention in the ads in QST,73 or CQ that
|> a ham radio license is required. AEA and universal AR catalogs

|> dont mention this either. How about ads for ford,chevy, honda. They
|> dont mention the fact that you need a drivers license to make use of
|> their product.
|> --
|> Gary W. Sanders gws@n8emr.cmhnet.org, 72277,1325
|> N8EMR @ N8JYV (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
|> HAM BBS 614-895-2553 (1200/2400/V.32/PEP) Voice: 614-895-2552 (eves/weekends)

--

Yes - but the ads in QST, CQ and 73 are TARGETTED for hams since most subscribers are hams. The J.C. Whitney catalog is TARGETTED for the auto enthusiast many of which are CBERs. Joe CBER sees the ad and will figure that it must some new CB, and just look at all those channels! Bye...

+++++
+ Tom Bodoh - Sr. systems software engineer
+
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dggs.cr.usgs.gov (152.61.192.66)
+
+ "Welcome back my friends to the show that never ends!" EL&P
+

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End of Info-Hams Digest V93 #665
